

Amendments to the Specification are as follows:

Before the first sentence on page 1 please insert the following paragraph.

This application claims the benefit of priority to Japanese Patent Application No. 2003-100438, herein incorporated by reference.

Please amend the paragraph beginning on page 1, line 15 and ending on page 2, line 9 as follows:

Fig. 5 is a perspective view of a common inverted-F metal plate antenna that has been known. Referring to Fig. 5, an inverted-F metal plate antenna 1 is fixed on a ground conductor surface 2 composed of a conductor plate or conductor foil. The inverted-F metal plate antenna 1 is formed by bending a sheet of metal plate. The inverted-F metal plate antenna 1 is composed of a radiating conductor plate 3 disposed opposing and in parallel with the ground conductor surface 2, a power-feeding conductor plate 4 extending substantially perpendicularly from an outer edge of the radiating conductor 3 and connected to a power-feeding circuit that is not shown, and a shorted conductor plate 5 extending substantially perpendicularly from an outer edge of the radiating conductor 3 and connected to the ground conductor surface 2. In the conventional inverted-F metal plate antenna 1, the lengthwise dimension of the radiating conductor 3 is chosen to be approximately one fourth of the resonant length so that when a predetermined high-frequency electric power is supplied to the radiating conductor plate 3 via the power-feeding conductor plate 4, the radiating conductor plate 3 is excited, allowing transmission and reception of signal waves in a predetermined frequency band associated with the resonant length.

Please amend the paragraph beginning on page 4, line 21 and ending on page 5, line 5 as follows:

In the inverted-F metal plate antenna constructed as described above, shorted conductor plates extend from a plurality of points on outer edges of a radiating conductor plate (e.g., from two points at different distances from the power-feeding conductor plate). Thus, a plurality of resonance modes with different resonant lengths can be generated respectively in association with

the shorted conductor plates. This serves to increase the resonant frequency band. Furthermore, even if the number of shorted conductor plates extending substantially perpendicularly from outer edges of the radiating conductor plate is increased, miniaturization is not compromised, and manufacturing cost is not increased.

Please amend the paragraph beginning on page 7, line 13 and ending on page 7, line 28 as follows:

As described above, in the inverted-F metal plate antenna 11, the two shorted conductor plates 15 and 16 are disposed such that the shorted conductor plates 15 and 16 respectively cause two different resonance modes with different resonant lengths when power is supplied. Accordingly, a considerably increased resonant frequency band is achieved. Furthermore, the two shorted conductor plates 15 and 16 both extend substantially perpendicularly from outer edges of the radiating conductor plate 13. Accordingly, the lengthwise dimension of the radiating conductor plate 13 can be chosen to be approximately one fourth~~fourth~~ of the resonant length associated with the lower frequency f_1 , so that miniaturization of the inverted-F metal plate antenna 11 is not compromised. Furthermore, since the inverted-F metal plate antenna 11 can be readily formed by bending a sheet of metal plate, manufacturing cost is extremely low.